



PATENT
ATTORNEY DOCKET NO. INTEL1120 (P15611)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Yamakawa, et al. Art Unit: 2857
Serial No.: 10/748,389 Examiner: Unassigned
Filed: December 29, 2003
Title: MICROFLUID MOLECULAR-FLOW FRACTIONATOR AND BIOREACTOR
WITH INTEGRATED ACTIVE/PASSIVE DIFFUSION BARRIER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

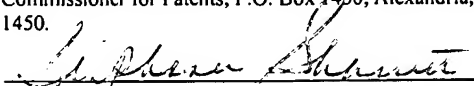
Sir:

In accordance with 37 C.F.R. 1.97, enclosed are references relating to the above-identified application. For the convenience of the Examiner, these references are listed on the attached Form PTO-1449 and Items B, C, D, and E are provided herewith.

It is respectfully requested that these references be considered in the examination of this application and their consideration be made of written record in the application file.

CERTIFICATION UNDER 37 CFR §1.8

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on November 4, 2004, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Stephanie Sharrett


In Re Application of:
Yamakawa, et al.
Application Serial No.: 10/748,389
Filed: December 29, 2003
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PATENT
Attorney Docket No.: INTEL1120 (P15611)

This Information Disclosure Statement is being filed before the mailing date of the first office action on the merits. Therefore, no fee is due, and Applicants do not believe any other fees are due in connection with this submission. However, the Commissioner is hereby authorized to charge any amounts required by this filing, or credit any overpayment, to Deposit Account No. 50-1355.

Respectfully submitted,

Date: November 4, 2004



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In re Application of:
Yamakawa, et al.
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PATENT
Attorney Docket No.: INTEL1120

Applicants do not believe any fees are due in connection with this Information Disclosure Statement. However, if any fees are required, authorization is hereby given to charge Deposit Account No. 50-1355. A duplicate copy of this Transmittal sheet is enclosed.

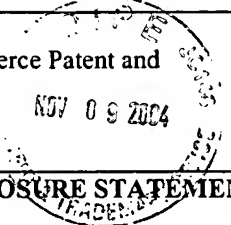
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FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office 	Docket No. INTEL1120 (P15611)	Serial No.: 10/748,389
	Applicant(s): Yamakawa, et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date: December 29, 2003	Group Art Unit: 2857

U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	A	6,514,767	2/4/03	Michael Natan	436	166	

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

	B	Doering, et al., "Spectroscopic Tags Using Dye-Embedded Nanoparticles and Surface -Enhanced Raman Scattering", <i>Analytical Chemistry</i> , :5-9
	C	Fuh, et al., "Analytical SPLITT Fractionation: Rapid Particle Size Analysis and Measurement of Oversized Particles", <i>Anal Chem. Soc.</i> 64:3125-3132 (1992)
	D	Gale, et al., "A Micromachined Electrical Field-Flow Fractionation (μ -EFFF) System", <i>IEEE</i> 45(12):1459-1469, (1998).
	E	Mulvaney, et al., "Glass-Coated, Analyte-Tagged Nanoparticles: A New Tagging System Based on Detection with Surface-Enhanced Raman Scattering", <i>Am Chem Soc.</i> 19:4784-4790 (2003).

EXAMINER GT\6421411.1 1090132-5	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.